



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

3100 Port of Benton Blvd • Richland, WA 99354 • (509) 372-7950

June 27, 2006

Mr. Roy J. Schepens, Manager
Office of River Protection
United States Department of Energy
P.O. Box 450, MSIN: H6-60
Richland, Washington 99352

RECEIVED
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EDMC

Mr. William S. Elkins, Project Director
Bechtel National, Inc.
2435 Stevens Center, MSIN: H4-02
Richland, Washington 99352

Re: Hanford Facility RCRA Permit Modification Notification Form 24590-PTF-PCN-ENV-06-008; Class 1 Modification to the Hanford Facility Resource Conservation and Recovery Act (RCRA) Permit, Dangerous Waste Portion for the Treatment, Storage, and Disposal of Dangerous Waste, Part III, Chapter 10 (Waste Treatment and Immobilization Plant), WA7890008967

Dear Mr. Schepens and Mr. Elkins:

The Department of Ecology approves the referenced Class 1 Modification submitted by the United States Department of Energy – Office of River Protection (USDOE-ORP). The approved Hanford Facility RCRA Permit Modification Notification Form is enclosed.

To avoid confusion, please note the following error and omission on the modification's cover letter, USDOE-ORP letter #06-ESQ-078, and the reference notification form. The Cesium Evaporator Inter-Condenser number is CNP-HX-00003 and the Cesium Evaporator Concentrate Reboiler number is CNP-HX-00001.

Modification 24590-PTF-PCN-ENV-06-008 provides the updated Plant Item Material Selection Data Sheets (MSDS) for 24590-PTF-N1D-CNP-P0002, 24590-PTF-N1D-CNP-P0003, 24590-PTF-N1D-CNP-P0004 and 24590-PTF-N1D-CNP-P0012 for the Pretreatment Facility Cesium Evaporator Primary Condenser (CNP-HX-00002), Cesium Evaporator Inter-Condenser (CNP-HX-00003), Cesium Evaporator Concentrate Reboiler (CNP-HX-00001), and the Cesium Evaporator After-Condenser (CNP-HX-00004), respectively. Approval of this modification replaces Revision 0, with Revision 1, for the MSDS listed above.

Mr. Schepens and Mr. Elkins
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If there are any questions, contact me at 509-372-7882 or Robbie Biyani at 509-372-7884.

Sincerely,



Brenda Becker-Khaleel
WTP Lead Permit Writer
Nuclear Waste Program

AH:jc

cc/elect w/enc:

Robert Barr, USDOE
John Eschenberg, USDOE
Joel Hebdon, USDOE
Lori Huffman, USDOE
Tony McKarns, USDOE
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Woody Russell, USDOE
Don Sommer, USDOE
Julie Atwood, BNI
Brad Erlandson, BNI
Stan Hill, BNI
Dennis Klein, BNI
Ermelinda Saucedo, BNI
Phil Peistrup, WGI

cc w/enc:

Administrative Record: Tank Waste Treatment Requirements ✓
Environmental Portal
USDOE-ORP Correspondence Control

Hanford Facility RCRA Permit Modification Notification Form

Unit: Waste Treatment and Immobilization Plant	Permit Part & Chapter: Part III, Chapter 10 and Attachment 51
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Description of Modification:

The purpose of this modification is to update PTF Plant Item Material Selection Data Sheets (MSDS) for the Cs Evaporator Primary condenser, CNP-HX-00002, Cs Evaporator Inter-Condenser, CNP-HX-00003, Cs Evaporator Concentrate Reboiler and Cs Evaporator After-Condenser, CNP-HX-00004 in Appendix 8.9 of the Dangerous Waste Permit (DWP) to incorporate the following revisions:

CNP-HX-00001

- Process Corrosion Data Sheets have been updated to account for revised maximum operating temperatures and revised/added assumptions
- Specifically call out the erosion allowance that is included within the approved corrosion allowance
- Update references
- Bibliographies have been updated

These changes do not alter the permit conditions or reduce the capacity of the facility to protect human health or the environment.

Please replace the following MSDSs in the DWP:

Appendix 8.9			
Replace:	24590-PTF-N1D-CNP-P0002, Rev. 0	With:	24590-PTF-N1D-CNP-P0002, Rev. 1
Replace:	24590-PTF-N1D-CNP-P0003, Rev. 0	With:	24590-PTF-N1D-CNP-P0003, Rev. 1
Replace:	24590-PTF-N1D-CNP-P0004, Rev. 0	With:	24590-PTF-N1D-CNP-P0004, Rev. 1
Replace:	24590-PTF-N1D-CNP-P0012, Rev. 0	With:	24590-PTF-N1D-CNP-P0012, Rev. 1

WAC 173-303-830 Modification Class: ^{1 2}	Class 1	Class ¹ 1	Class 2	Class 3
Please mark the Modification Class:	X			

Enter Relevant WAC 173-303-830, Appendix I Modification citation number: NA

Enter wording of WAC 173-303-830, Appendix I Modification citation: NA

In accordance with WAC 173-303-830(4)(d)(i), this modification notification is requested to be reviewed and approved as a Class 1 modification. WAC 173-303-830(4)(d)(ii)(A) states, "Class 1 modifications apply to minor changes that keep the permit current with routine changes to the facility or its operation. These changes do not substantially alter the permit conditions or reduce the capacity of the facility to protect human health or the environment. In the case of Class 1 modifications, the director may require prior approval."

Modification Approved: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (state reason for denial) <u>Reason for denial:</u>	Reviewed by Ecology: <div style="text-align: right;"> S. Dahl Date: 6/27/06 </div>
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¹ Class 1 modifications requiring prior Agency approval.

² This is only an advanced notification of an intended Class ¹1, 2, or 3 modification, this should be followed with a formal modification request, and consequently implement the required Public Involvement processes when required.